

STORM WATER AND EROSION CONTROL PLAN

For:

CLIENT:

CUSTOM HOME BUILDER

Surveyor:
The Gregory Group, Inc. d.b.a.
Lot Surveys Company
7601 73rd Avenue N.
Brooklyn Park, MN 55428
phone 763-560-3093
fax 763-560-3522
Attn: Greg Prasch

Engineer:
The Gregory Group, Inc. d.b.a.
Lot Surveys Company
7601 73rd Avenue N.
Brooklyn Park, MN 55428
phone 763-560-3093
fax 763-560-3522
Attn: Jeff Prasch

Contractor:
5625 Tracy, LLC
1750 Skater Circle
Eagan, MN 55122
Attn: Mark Abdel

Benchmark:
Top Nut of Hydrant Located at the NE corner of Vernon & Tracy (Edina BM No. 541)
Elevation = 937.37 feet

PROPOSED ELEVATIONS:

917.62	Proposed First Floor
915.4	Proposed Top of Foundation
915.1	Proposed Garage Floor
906.4	Proposed Lowest Floor

Contractor to confirm floor, wall & peak elevations prior to construction.

Original First Floor Elevation = 917.0 feet

LEGAL DESCRIPTION:

That Part of the West 200.0 feet Lying North of
the South 80.0 feet of Lot 4, WARDEN ACRES
Hennepin County, Minnesota

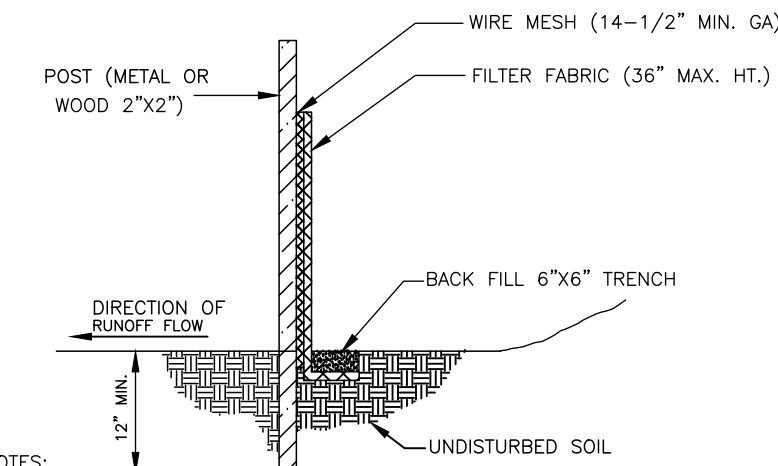
GENERAL GRADING NOTES:

- Specifications applicable for this project: Current Standard Specifications for the City of Edina; the latest Minnesota Department of Transportation Specifications for Highway Construction; and all NPDES requirements except where modified by these documents.
- OSHA requirements shall be followed for all work on this project.
- The contractor shall notify "Gopher State One Call" 48 hours prior to any excavation. (1-800-252-1166)
- The Grading Contractor shall field verify all locations and elevations of underground utilities with utility companies prior to any construction, and immediately notify the Engineer of any conflicts.
- The Grading Contractor shall provide positive drainage on the site at all times. Grading tolerances shall be 0.10' for hard surface areas and 0.25 for green spaces.
- Existing topsoil shall be salvaged to provide 4" topsoil coverage over all disturbed areas to be revegetated.
- The building pad must be provided with a positive outflow. This work shall be incidental to the grading contract.
- Any sediment remaining in place after the silt fence has been removed shall be dressed to conform with the existing grade, prepared and seeded or sodded as directed by the City Engineer.
- No finished slope shall exceed 4H : 1V unless otherwise noted.

EROSION CONTROL NOTES:

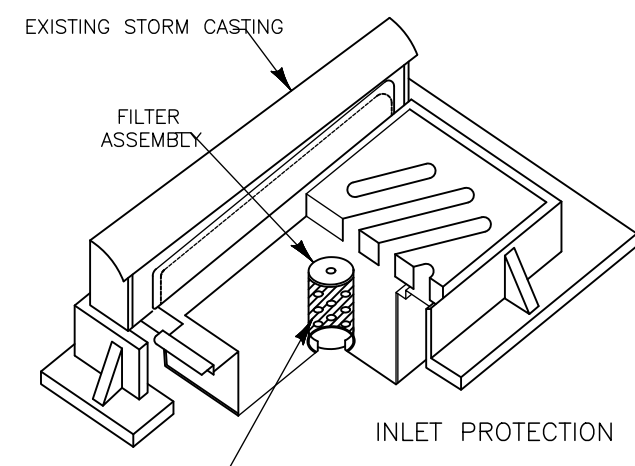
- All erosion and sediment control BMP's (i.e. silt fence, bio-rolls, rock construction entrance, inlet protection, ect.) shall be installed prior to the commencement of any construction activity.
- Inlet protection shall be installed at any inlet that may receive runoff from the disturbed areas of the project.
- Install sediment control BMP's, such as silt fence, around all stockpiles.
- All exposed soils, including stockpiles, shall be temporally stabilized per Mn/DOT Specification 2575 within 7 days after construction activity has temporally ceased.
- All erosion and sediment control devices shall be maintained until all disturbed areas have been permanently stabilized.
- Remove all soils and sediments tracked or otherwise deposited onto public pavement areas on a daily basis.
- All erosion and sediment control BMP's shall be inspected every 7 days, or within 24 hours of all rain events greater than 0.5" in 24 hours. Corrective action required shall be initiated immediately.
- Silt fence, bio-rolls and inlet protection devices must be repaired, replaced or supplemented when they become nonfunctional or the sediment reaches 1/3 the height of the device. These repairs must be made within 24 hours of discovery, or as soon as field conditions allow.
- After final grading has been completed, exposed soils must be permanently stabilized within 72 hours. Permanent Stabilization shall consist of 4 inches topsoil, and seed mulch and fertilizer applied by methods and rates recommended in Mn/DOT Specification 2575 and Mn/DOT Seeding Manual, or sod as approved by the City Engineer. The seed mix shall be Mn/DOT 25-151.
- Inlet protection may be removed for a particular inlet if a specific safety concern (flooding / freezing) has been identified. The permitted must receive written correspondence from the City Engineer verifying the need for removal.
- All erosion and sediment control devices shall be removed from the site after permanent stabilization has been established.
- Site is located within the Nine Mile Creek Watershed District (952)-835-2078
- No concrete washout allowed on site, truck based self containment washout devices required.
- All hazardous waste to be stored cleaned up and disposed of per EPA standards.
- Contact person for site cleanliness and maintenance of the erosion and sediment controls: Mark Abdel (651)-283-8251.

1 SILT FENCE INSTALLATION



- NOTES:
- DIG A 6"x6" TRENCH ALONG THE INTENDED FENCE LINE.
 - DRIVE ALL POSTS INTO THE GROUND AT THE DOWNHILL SIDE OF THE TRENCH.
 - WIRE FENCING PER HENNEPIN COUNTY CONSERVATION DISTRICT EROSION AND SEDIMENT CONTROL MANUAL. WIRE MESH MUST BE A MINIMUM OF 2" INTO THE GROUND AND NO MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.
 - LAY OUT SILT FENCE ON THE UPHILL SIDE ALONG THE FENCE LINE, AND BACK FILL.
 - WOOD POSTS MAY BE SPACED UP TO 4 FEET APART IF WIRE MESH IS NOT USED TO SUPPORT THE FABRIC. IF WIRE MESH IS USED TO SUPPORT THE FABRIC STEEL POSTS MAY BE SPACED UP TO 8 FEET APART.
 - REMOVE SILT FENCE AFTER TURF IS ESTABLISHED.

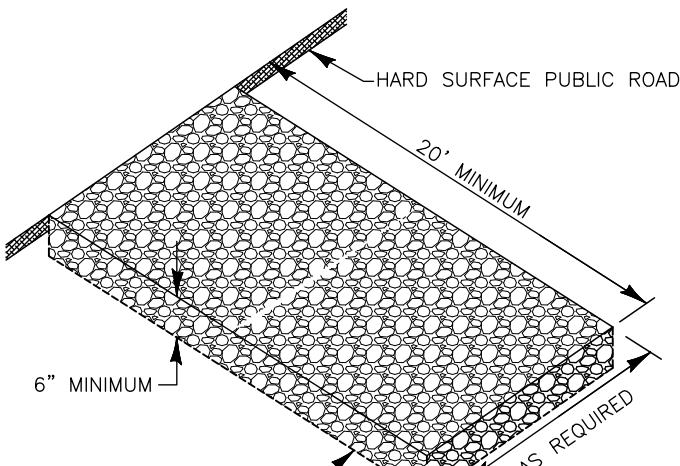
2 CATCH BASIN INLET PROTECTION



INSERT TO BE USED SHALL BE A WIMCO, LANGE INDUSTRIES "ROAD DRAIN" STYLE, OR APPROVED EQUAL TO BE UTILIZED IN THE EXISTING ROADWAY CASTING.

TO BE USED IN CONJUNCTION WITH A NEENAH CASTING NO. R-3067 TYPE DR, DL, OR TYPE V OR APPROVED EQUAL.

3 ROCK CONSTRUCTION INSTALLATION

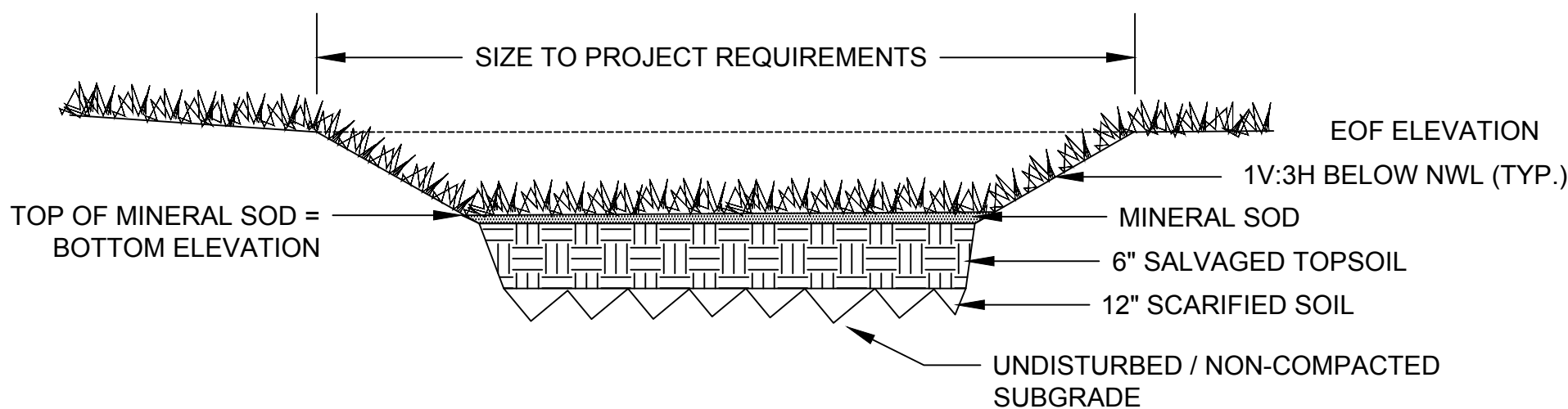


NOTES:

ROCK SIZE SHOULD BE 1" TO 2" IN SIZE SUCH AS MN/DOT CA-1 OR CA-2 COURSE AGGREGATE. (WASHED)

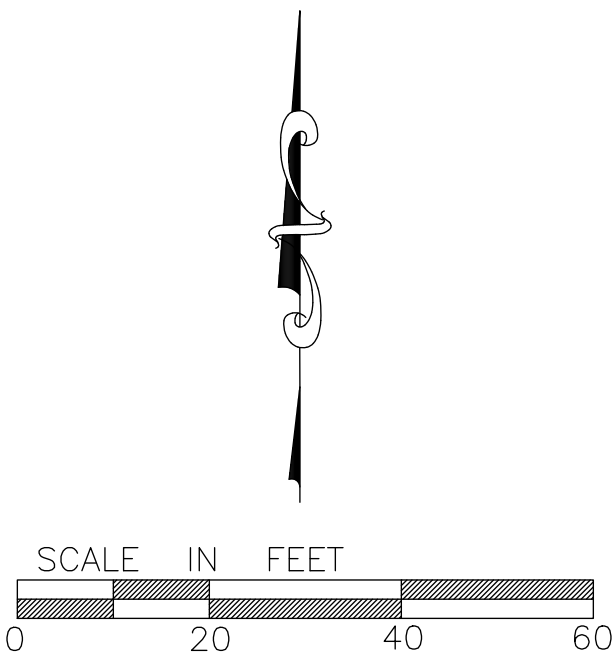
A GEOTEXTILE FABRIC MAY BE USED UNDER THE ROCK TO PREVENT MIGRATION OF THE UNDERLYING SOIL INTO THE STONE.

4 RAIN GARDEN



LEGEND

- x000.0 Denotes Existing Elevation
- 000.0 Denotes Proposed Elevation
- Denotes Surface Drainage
- Denotes Existing Contour
- Denotes Proposed Contour
- Proposed Silt Fence per 1/1
- Proposed Inlet Protection per 2/1
- Proposed Rock Construction Entrance per 3/1
- Proposed Rain Garden per 4/1



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Prepared this 28th day of June, 2017.

Signed
Jeffrey A. Prasch, Minn. Reg. No. 52706

REVISIONS: 7-21-17 first floor elev